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AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently amended) A method of performing an abbreviated point-to-point protocol (PPP) negotiation comprising the steps of:

pre-storing a first user profile in a first database of a ~~first peer~~ mobile station (MS) and in a second database of a ~~second peer~~ packet data service node (PDSN), the first pre-stored user profile ~~including at least one pre-negotiated PPP parameter~~ representing a suggested set of PPP-related parameters and wherein the first user profile is stored prior to performing the abbreviated PPP negotiation;

initiating the abbreviated point-to-point protocol negotiation by sending an option identifying the first pre-stored user profile by the ~~first peer~~ MS to the ~~second peer~~ PDSN;

retrieving the first pre-stored user profile by the ~~first peer~~ MS and the ~~second peer~~ PDSN in response to agreement by the ~~peers~~ MS and the PDSN on the first pre-stored user profile; and

setting of a state machine of the ~~first peer~~ MS and a state machine of the ~~second peer~~ PDSN in accordance with the first pre-stored user profile.

2.   (Original) The method of claim 1 wherein the step of sending the option identifying the first user profile is performed as part of a link control protocol negotiation.

3.   (Original) The method of claim 1 wherein the step of sending the option identifying the second pre-stored user profile is performed as part of a link control protocol negotiation.

4.   (Currently amended) The method of claim 1 wherein the step of sending the option is performed in response to an inter-packet-data-service-node handover of one of the ~~peers~~ MS and the PDSN.

5.   (Currently amended) The method of claim 1 wherein the step of sending the option is performed in response to one of the ~~peers~~ MS and the PDSN initiating a new PPP session.

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6.   (Currently amended) The method of claim 1 wherein the step of setting of the state machine of the first peer MS and of the state machine of the second peer PDSN in accordance with the first pre-stored user profile obviates a need for any further point-to-point protocol negotiation between the first peer MS and the second peer PDSN.

7.   (Currently amended) The method of claim 1 wherein the agreement by the peers MS and the PDSN on the first pre-stored user profile comprises each of the peers MS and the PDSN acknowledging that the first pre-stored user profile is acceptable.

8.   (Currently amended) The method of claim 1 further comprising the steps of:
        determining whether the second peer PDSN supports the first pre-stored user profile;
        determining whether each of the at least one parameter of the first pre-stored user profile is acceptable to the second peer PDSN responsive to a determination that the second peer PDSN supports the first pre-stored user profile; and
        responsive to a determination that each of the at least one parameter of the first pre-stored user profile is acceptable to the second peer PDSN, the first peer MS and the second peer PDSN agreeing on the first pre-stored user profile.

9.   (Currently amended) The method of claim 8 further comprising the steps of
:
        rejecting by the second peer PDSN of the first pre-stored user profile responsive to a determination that the second peer PDSN does not support the first pre-stored user profile; and
        performing a full point-to-point protocol negotiation in response to the rejection by the second peer PDSN of the first pre-stored user profile.

10.   (Currently amended) The method of claim 8 wherein the step of setting of the state machine of the first peer MS and of the state machine of the second peer PDSN

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in accordance with the second pre-stored user profile obviates a need for any further point-to-point protocol negotiation between the ~~first peer~~ MS and the ~~second peer~~ PDSN.

11. (Currently amended) The method of claim 8 further comprising the steps of:

determining whether the ~~second peer~~ PDSN has a second pre-stored user profile similar to the first pre-stored user profile responsive to a determination that at least one of the at least one parameter of the first pre-stored user profile is not acceptable to the ~~second peer~~ PDSN; and

sending an option identifying the second pre-stored user profile by the ~~second peer~~ PDSN to the ~~first peer~~ MS responsive to a determination that the ~~second peer~~ PDSN has the second pre-stored user profile.

12. (Currently amended) The method of claim 11 further comprising the steps of:

rejecting by the ~~second peer~~ PDSN of the second pre-stored user profile responsive to a determination that the ~~second peer~~ PDSN does not have a third pre-stored user profile similar to the first pre-stored user profile; and

performing a full point-to-point protocol negotiation in response to the rejection by the ~~second peer~~ PDSN of the second pre-stored user profile.

13. (Currently amended) The method of claim 11 wherein the step of sending the option identifying the second pre-stored user profile is performed as part of a link control protocol negotiation.

14. (Currently amended) The method of claim 11 wherein the step of setting of the state machine of the ~~first peer~~ MS and of the state machine of the ~~second peer~~ PDSN in accordance with the second pre-stored user profile obviates a need for any further point-to-point protocol negotiation between the ~~first peer~~ MS and the ~~second peer~~ PDSN.

15. (Currently amended) The method of claim 11 further comprising the steps of:

determining whether the second pre-stored user profile is acceptable to the ~~first peer~~ MS;

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retrieving the second pre-stored user profile by the ~~first peer~~ MS and the ~~second peer~~ PDSN in response to agreement by the ~~peers~~ MS and the PDSN on the second pre-stored user profile; and

setting of the state machine of the ~~first peer~~ MS and the state machine of the ~~second peer~~ PDSN in accordance with the second pre-stored user profile.

16.   (Currently amended) The method of claim 15 wherein the agreement by the ~~peers~~ MS and the PDSN on the second pre-stored user profile comprises each of the ~~peers~~ MS and the PDSN acknowledging that the second pre-stored user profile is acceptable.

17.   (Currently amended) The method of claim 15 further comprising the steps of:

determining whether the ~~second peer~~ PDSN has a third profile similar to the first pre-stored user profile responsive to a determination that the second pre-stored user profile is not acceptable to the ~~first peer~~ MS;

sending an option identifying the third pre-stored user profile by the ~~second peer~~ PDSN to the ~~first peer~~ MS responsive to a determination that the ~~second peer~~ PDSN has the third pre-stored user profile;

determining whether the third pre-stored user profile is acceptable to the ~~first peer~~ MS;

retrieving the third pre-stored user profile by the ~~first peer~~ MS and the ~~second peer~~ PDSN in response to agreement by the ~~peers~~ MS and the PDSN on the third pre-stored user profile; and

setting of a state machine of the ~~first peer~~ MS and a state machine of the ~~second peer~~ PDSN in accordance with the third pre-stored user profile.

18.   (Currently amended) The method of claim 17 wherein the agreement by the ~~peers~~ MS and the PDSN on the third pre-stored user profile comprises each of the ~~peers~~ MS and the PDSN acknowledging that the third pre-stored user profile is acceptable.

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19. (Currently amended) A wireless communication system for providing packet data services between a ~~first peer~~ mobile station (MS) and a ~~second peer~~ packet data service node (PDSN), the system comprising:

a ~~first peer~~ MS engaging in negotiation of a point-to-point protocol (PPP) session and having a first database storing a first user profile that ~~includes at least one pro-negotiated PPP parameter~~ represents a suggested set of PPP-related parameters, the first user profile stored in the first database being linked to an option and wherein the first user profile is stored prior to engage the PPP session; and

a ~~second peer~~ PDSN engaging in the negotiation with the ~~first peer~~ MS and having a second database storing the first user profile, the first user profile stored in the second database being linked to the option, wherein the ~~first peer~~ MS sends the option to the ~~second peer~~ PDSN and, if the ~~peers~~ MS and the PDSN agree on the first user profile, the first user profile is retrieved from the first database and the second database and a state machine of the ~~first peer~~ MS and a state machine of the ~~second peer~~ PDSN are set in accordance with the first user profile.

20. (Currently amended) The system of claim 19 wherein the ~~first peer~~ MS sends the option as part of a link control protocol negotiation.

21. (Currently amended) The system of claim 19 wherein the state machine of the ~~first peer~~ MS and the state machine of the ~~second peer~~ PDSN being set in accordance with the first user profile obviates a need for any further point-to-point protocol negotiation between the ~~first peer~~ MS and the ~~second peer~~ PDSN.

22. (Currently amended) The system of claim 19 wherein the negotiation of the PPP session is performed in response to an inter-packet-data-service-node handover of one of the ~~peers~~ MS and the PDSN.

23. (Currently amended) The system of claim 19 wherein the negotiation of the PPP session is performed in response to one of the ~~peers~~ MS and the PDSN initiating a new PPP session.

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24.   (Currently amended) The system of claim 19 wherein the ~~peers~~ MS and the PDSN agreement on the first user profile comprises each of the ~~peers~~ MS and the PDSN acknowledging that the first user profile is acceptable.

25.   (Currently amended) The system of claim 19 wherein, if the first user profile is not acceptable to the ~~second peer~~ PDSN, the ~~second peer~~ PDSN sends a second option identifying a second user profile to the first peer.

26.   (Currently amended) The system of claim 25 wherein the ~~second peer~~ PDSN sends the second user profile in accordance with a link control protocol negotiation.

27.   (Currently amended) The system of claim 25 wherein, if the ~~peers~~ MS and the PDSN agree on the second user profile, each of the ~~peers~~ MS and the PDSN retrieves the second user profile and the state machine of the ~~first peer~~ MS and the state machine of the ~~second peer~~ PDSN are set in accordance with the second user profile.

28.   (Currently amended) The system of claim 27 wherein the ~~peers~~ MS and the PDSN agreement on the second user profile comprises each of the ~~peers~~ MS and the PDSN acknowledging that the second user profile is acceptable.

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